

SHUTTER ASSEMBLY FOR A LUMINAIRE

Abstract of the Disclosure

A shutter section includes a stack of circular plates independently rotatable in a nest formed as a laminar formation of rings. The plates have central openings defining a light path. Four central plates in the stack are shutter guide plates with radial guide slots slideably holding shutter blades. Two outer pairs of plates are shutter drive plates connected by cams to the shutter blades. Simultaneous rotation of a shutter guide plate and associated shutter drive plate causes rotation of an associated shutter blade around the light path. Rotation of a shutter drive plate while the associated shutter guide plate is stationary causes the cam to move the associated shutter blade radially. The nest is enclosed by end plates. A motor section has motors driving pinions to rotate the circular plates. The circular plates, rings pinions and shutter blades are made of sheet metal.